

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1-5. (canceled)

6-10. (canceled)

11. (currently amended) A method for treating hyperproliferation of keratinocytes, said method comprising administering to a subject in need thereof an effective amount of pharmaceutical composition according to claim 8 to a subject in need thereof comprising an alkaloid K252 or a physiologically equivalent derivative thereof, wherein said derivative is selected from the group consisting of: esters, amides, salts, N-alkylated or N-acylated derivatives, and derivatives obtained by chemical synthesis aimed to reduce systemic absorption of said derivatives by means of spacers associated to proteins or other physiologically inactive large molecules,  
wherein said disorder is selected from the group consisting of chronic eczema, acne, pityriasis rubra pilaris, keloids, hypertrophic scars, and skin tumors.

12. **(currently amended)** The method according to claim 11, further comprising administering to said subject ~~of~~ for PUVA treatment or photodynamic treatment.

13. **(currently amended)** The method according to claim 11, wherein said subject has ~~psoriasis and/or a skin tumour~~ tumors.

14. **(canceled)**